

METHOD AND SYSTEM FOR EXTRACTING METAL FROM GLASS WASTE

Abstract of the Disclosure

1 A method and systems are provided for extracting heavy metal from
glass waste. Glass is initially crushed to a diameter size between about 10
nanometers and about 2 millimeters. The glass is then added to a tank having a
5 solution of water and acid, where the acid removes metal from the surface of the
glass particles. In some embodiments, the solution and glass particles are
elevated to a configurable temperature above ambient temperature and circulated
for a configurable period of time. The solution is then separated from the glass
particles. In some embodiments, the glass particles are then rinsed while in
10 transit to a final destination or in a separate rinsing tank.